

Title (en)

Metal graphite material and production method thereof

Title (de)

Metall-Graphite Material und entsprechendes Herstellungsverfahren

Title (fr)

Matériau métal-graphite et procédé de fabrication de celui-ci

Publication

EP 1489705 A3 20050202 (EN)

Application

EP 04014257 A 20040617

Priority

JP 2003176054 A 20030620

Abstract (en)

[origin: EP1489705A2] Metal graphite material includes a molded body having a collectivity of graphite particles and copper particles and comprises graphite and copper as main elements characterized in that the metal graphite material further includes the copper particles including copper microparticles where each copper microparticle having average diameter between 5 and 100 nm contacts, and a cluster of the copper microparticles fixed on a surface of the graphite particle to form a conductive path of the contacting copper microparticles on the surface of the graphite particle, wherein a charge induced from the graphite particle is conducted.

IPC 1-7

H01R 39/20; **H01R 43/12**

IPC 8 full level

C04B 35/52 (2006.01); **H01R 39/20** (2006.01); **H01R 43/12** (2006.01); **H02K 13/00** (2006.01); **H01R 39/26** (2006.01)

CPC (source: EP US)

H01R 39/20 (2013.01 - EP US); **H01R 43/12** (2013.01 - EP US); **H01R 39/26** (2013.01 - EP US)

Citation (search report)

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- [A] WO 0036169 A1 20000622 - VICTORIAN RAIL TRACK [AU], et al
- [AD] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 07 31 March 1999 (1999-03-31)
- [AD] PATENT ABSTRACTS OF JAPAN vol. 0175, no. 25 (E - 1436) 21 September 1993 (1993-09-21)

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EP3054570A4; US10199789B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1489705 A2 20041222; **EP 1489705 A3 20050202**; **EP 1489705 B1 20060705**; CN 100340036 C 20070926; CN 1574512 A 20050202; DE 602004001421 D1 20060817; DE 602004001421 T2 20061221; JP 2005012957 A 20050113; JP 4123068 B2 20080723; US 2004255720 A1 20041223; US 7390344 B2 20080624

DOCDB simple family (application)

EP 04014257 A 20040617; CN 200410059393 A 20040621; DE 602004001421 T 20040617; JP 2003176054 A 20030620; US 87017804 A 20040618